

315 Status Details (Ocean)

Functional Group ID=**QO**

Introduction:

This Draft Standard for Trial Use contains the format and establishes the data contents of the Status Details (Ocean) Transaction Set (315) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide all the information necessary to report status or event details for selected shipments or containers. It is intended to accommodate the details for one status or event associated with many shipments or containers, as well as more than one status or event for one shipment or container.

Notes:

The Department of Defense Transportation community uses the Transaction Set 315 for reporting the status on cargo. It enables the military to track cargo In Transit Visibility (ITV) and administer contractual requirements with commercial ocean carriers. Commercial Ocean Carriers utilize the Transaction Set 315 in order to administer Container Management.

Page No.	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
2	010	ST	Transaction Set Header	M	1		
3	020	B4	Beginning Segment for Inquiry or Reply	M	1		
6	030	N9	Reference Identification	O	30		
8	040	Q2	Status Details (Ocean)	O	1		
Not Used	050	SG	Shipment Status	O	15		
LOOP ID - R4						20	
10	060	R4	Port	M	1		
12	070	DTM	Date/Time Reference	O	15		
Not Used	080	V9	Event Detail	O	10		
14	090	SE	Transaction Set Trailer	M	1		

Segment: **ST** Transaction Set Header
Position: 010
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the start of a transaction set and to assign a control number
Syntax Notes:
Semantic Notes: 1 The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
Comments:

Data Element Summary

Ref.	Des.	Data Element	Name	Attributes
M	ST01	143	Transaction Set Identifier Code	M ID 3/3
			Code uniquely identifying a Transaction Set	
			315 X12.122 Status Details (Ocean)	
M	ST02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

Segment: **B4** Beginning Segment for Inquiry or Reply

Position: 020

Loop:

Level:

Usage: Mandatory

Max Use: 1

Purpose: To transmit identifying numbers, dates, and other basic data relating to the transaction set

Syntax Notes: 1 If either B407 or B408 is present, then the other is required.

2 If either B411 or B412 is present, then the other is required.

Semantic Notes: 1 B404 is the date of last reported status of cargo.

Comments:

Notes: *For reporting the status of a single container B407, B408, and B409 are required.*

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Not Used	B401	152	Special Handling Code	O ID 2/3
			Code specifying special transportation handling instructions	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Not Used	B402	71	Inquiry Request Number	O N0 1/3
			Identifying number assigned by inquirer	
Must Use	B403	157	Status Code	O ID 1/2
			Code indicating the status of a shipment	
			A Arrived	
			AE Loaded on Vessel	
			AL Loaded on Rail	
			AM Loaded on Truck	
			AO Loaded on Barge	
			AP Loaded on Feeder Vessel	
			AV Available for Delivery	
			<i>The shipment is ready for the consignee at place of delivery.</i>	
			CR Carrier Release	
			<i>Use CR to identify the carrier's release date.</i>	
			CT Customs Released	
			<i>Use CT to identify the customs release date.</i>	
			EE Empty Equipment Dispatched	
			<i>Identifies a container that is being sent by a carrier to a sourcing location for stuffing.</i>	
			FT Free Time Expired	

			I	In-Gate <i>Use an I when cargo is In-Gate at the carrier's terminal.</i>	
			NF	Free Time to Expire	
			OA	Out-Gate <i>Use for shipment commencement to consignee.</i>	
			P	Departed Terminal Location <i>Use for shipment stopoffs from the origin location to the terminal.</i>	
			PA	US Custom Hold, Intensive Examination <i>Report by Bill of Lading.</i>	
			PL	US Dept. Agr, Hold for Intensive Investigation <i>Report by Bill of Lading</i>	
			RD	Return Container	
			UV	Unloaded From Vessel	
			VA	Vessel Arrival	
			VD	Vessel Departure	
			W	Released by Customer <i>Use when the carrier takes possession of the shipment/shipment pickup at sourcing point.</i>	
			X1	Arrived at Delivery Location <i>Use when the shipment is delivered to the consignee.</i>	
Must Use	B404	373	Date	O DT 6/6 Date (YYMMDD) <i>Enter in the actual date the event took place.</i>	
Must Use	B405	161	Status Time	O TM 4/4 Time (HHMM) of last reported status of cargo <i>If available, enter the local time that the event actually happened.</i>	
Not Used	B406	159	Status Location	O AN 3/5 Air shipment: Airport code for last reported status for a shipment; (Note: If the shipment is in-flight, the status location is the origin airport for this flight) Ground transportation: Code of carrier's terminal	
Rec	B407	206	Equipment Initial	X AN 1/4 Prefix or alphabetic part of an equipment unit's identifying number <i>Enter the Van Owner. Use the SCAC for the equipment initial.</i>	
Must Use	B408	207	Equipment Number	X AN 1/10 Sequencing or serial part of an equipment unit's identifying number (pure numeric form for equipment number is preferred) <i>Enter the trailer container number (TCON). The TCON should include the check digit.</i>	

Rec	B409	578	Equipment Status Code Code indicating status of equipment E Empty L Load	O ID 1/2
Rec	B410	24	Equipment Type Code identifying equipment type Refer to 003061 Data Element Dictionary for acceptable code values.	O ID 4/4
Must Use	B411	310	Location Identifier Code which identifies a specific location <i>This is free form text for the actual location of the event. Use the following format: City State/Province ISO country code. All three of these locations are required and should be separated by a space.</i>	X AN 1/30
Must Use	B412	309	Location Qualifier Code identifying type of location ZZ Mutually Defined <i>Defined as "event location". This is different in version 4010 which has the additional code value "EA".</i>	X ID 1/2
Not Used	B413	761	Equipment Number Check Digit Number which designates the check digit applied to a piece of equipment	O N0 1/1

Segment: **N9** Reference Identification
Position: 030
Loop:
Level:
Usage: Optional (Must Use)
Max Use: 30
Purpose: To transmit identifying information as specified by the Reference Identification Qualifier

Syntax Notes:

- 1 At least one of N902 or N903 is required.
- 2 If N906 is present, then N905 is required.
- 3 If either C04003 or C04004 is present, then the other is required.
- 4 If either C04005 or C04006 is present, then the other is required.

Semantic Notes:

- 1 N906 reflects the time zone which the time reflects.
- 2 N907 contains data relating to the value cited in N902.

Comments:

Notes:

1. *There may be no more than 3 N9 segments per 315 TS with a "SN" qualifier. Seal numbers should only be sent with container shipments.*
2. *A N9 will always appear for the booking number (BN), port call file number (FI), and voyage document number (ZZ).*
3. *All other code values should be sent when available.*
4. *When reporting a shipment level event the equipment number(s) (EQ) will be reflected in the N9.*

Data Element Summary

Ref.	Data		
<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	N901	128 Reference Identification Qualifier	M ID 2/3
		Code qualifying the Reference Identification	
		BL	Government Bill of Lading
		BM	Bill of Lading Number
		BN	Booking Number
		CT	Contract Number
		EQ	Equipment Number
		FI	File Identifier
		Port Call File Number (PCFN)	
		PG	Product Group
		Milstamp Surface Commodity Code. The DoD community expects the most up to date commodity code available from the carrier community and not just an echo of the commodity code from the 300 transaction set.	
		SN	Seal Number
		TG	Transportation Control Number (TCN)
		ZZ	Mutually Defined

Enter the DoD voyage document number.

Must Use	N902	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	N903	369	Free-form Description	X AN 1/45
			Free-form descriptive text	
Not Used	N904	373	Date	O DT 6/6
			Date (YYMMDD)	
Not Used	N905	337	Time	X TM 4/8
			Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	
Not Used	N906	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Not Used	N907	C040	Reference Identifier	O
			To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	
Not Used	C04001	128	Reference Identification Qualifier	M ID 2/3
			Code qualifying the Reference Identification	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Not Used	C04002	127	Reference Identification	M AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04003	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Not Used	C04004	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
Not Used	C04005	128	Reference Identification Qualifier	X ID 2/3
			Code qualifying the Reference Identification	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Not Used	C04006	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	

Segment: **Q2** Status Details (Ocean)

Position: 040

Loop:

Level:

Usage: Optional (Must Use)

Max Use: 1

Purpose: To transmit identifying information relative to identification of vessel, transportation dates, lading quantity, weight, and cube

Syntax Notes: 1 If any of Q207 Q208 or Q216 is present, then all are required.

2 If Q210 is present, then Q211 is required.

3 If either Q214 or Q215 is present, then the other is required.

Semantic Notes: 1 Q202 is the code identifying the country in which the ship (vessel) is registered.

2 Q203 is the required pier date.

3 Q204 is the date of departure of the vessel.

4 Q205 is the date the shipment was unloaded from the vessel.

Comments:

Data Element Summary

	<u>Ref.</u> <u>Des.</u>	<u>Data</u> <u>Element</u>	<u>Name</u>	<u>Attributes</u>
Must Use	Q201	597	Vessel Code Code identifying vessel <i>Identifying number for the carriers vessel, either the call sign or hull number. Only send the Lloyd number or hull number, if the call sign is not available.</i>	O ID 1/7
Not Used	Q202	26	Country Code Code identifying the country Refer to 003061 Data Element Dictionary for acceptable code values.	O ID 2/3
Not Used	Q203	373	Date Date (YYMMDD) Refer to 003061 Data Element Dictionary for acceptable code values.	O DT 6/6
Must Use	Q204	373	Date Date (YYMMDD) <i>Enter the vessel scheduled sail date or the current sail date.</i>	O DT 6/6
Not Used	Q205	373	Date Date (YYMMDD)	O DT 6/6
Must Use	Q206	80	Lading Quantity Number of units (pieces) of the lading commodity <i>Enter in the number of pieces per shipment.</i>	O N0 1/7
Must Use	Q207	81	Weight Numeric value of weight <i>Enter the net weight of the pieces per shipment. Use Net Explosive</i>	X R 1/10

			Weight for explosive material.	
Must Use	Q208	187	Weight Qualifier	X ID 1/2
			Code defining the type of weight	
			<i>If there is a mixed shipment to include explosive cargo, then provide Net Explosive Weight.</i>	
			N	Actual Net Weight
			Z	Mutually Defined
			<i>Net Explosive Weight.</i>	
Must Use	Q209	55	Flight/Voyage Number	O AN 2/10
			Identifying designator for the particular flight or voyage on which the cargo travels	
			<i>Enter carriers voyage number.</i>	
Must Use	Q210	128	Reference Identification Qualifier	O ID 2/3
			Code qualifying the Reference Identification	
			ZZ	Mutually Defined
			<i>Enter the SCAC. This is different in ver 4010 where the code value "SCA" has been added to mean SCAC.</i>	
Must Use	Q211	127	Reference Identification	X AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	
			<i>Enter the SCAC in this field.</i>	
Must Use	Q212	897	Vessel Code Qualifier	O ID 1/1
			Code specifying vessel code source	
			C	Ship's Radio Call Signal
			L	Lloyd's Register of Shipping
			Z	Mutually Defined
			<i>Hull Number.</i>	
Must Use	Q213	182	Vessel Name	O AN 2/28
			Name of ship as documented in "Lloyd's Register of Ships"	
Rec	Q214	183	Volume	X R 1/8
			Value of volumetric measure	
Rec	Q215	184	Volume Unit Qualifier	X ID 1/1
			Code identifying the volume unit	
			E	Cubic Feet
			S	Measurement Ton
Must Use	Q216	188	Weight Unit Code	X ID 1/1
			Code specifying the weight unit	
			E	Metric Ton
			L	Pounds

Segment:	R4 Port
Position:	060
Loop:	R4 Mandatory
Level:	
Usage:	Mandatory
Max Use:	1
Purpose:	Contractual or operational port or point relevant to the movement of the cargo
Syntax Notes:	1 If either R402 or R403 is present, then the other is required.
Semantic Notes:	
Comments:	1 R4 is required for each port to be identified.
Notes:	<i>Each TS 315 should have at least 4 R4 loops. There should be a R4 loop for the pickup of the cargo at the Consignor, the Port Of Embarkation (POE), Port Of Discharge (POD), and Consignee. If there is a container transshipment, then there should be a R4 loop for the transshipment port.</i>

Data Element Summary

Ref.	Data	Name	Attributes
<u>Des.</u>	<u>Element</u>	<u>Name</u>	
M	R401	115 Port Function Code	M ID 1/1
		Code defining function performed at the port with respect to a shipment	
		<i>Ocean carriers wil provide the pickup status at which point they assume responsibility for the cargo.</i>	
		1 Final Port of Discharge (Operational)	
		L Port of Loading (Operational)	
		M Destination (Operational)	
		<i>This code identifies the place of delivery for the shipment where the carrier relinquishes responsibility.</i>	
		O Origin (Operational)	
		R Place of Receipt (Contractual)	
		T Transshipment Port (Contractual)	
		Y Relay Port (Operational)	
		<i>This code identifies the next relay port.</i>	
Must Use	R402	309 Location Qualifier	X ID 1/2
		Code identifying type of location	
		CI City	
		CS Canadian SPLC	
		D Census Schedule D	
		IP Postal	
		K Census Schedule K	
		SL U.S. SPLC	
Must Use	R403	310 Location Identifier	X AN 1/30
		Code which identifies a specific location	

Must Use	R404	114	Port Name Free-form name for the place at which an offshore carrier originates or terminates (by transshipment or otherwise) its actual ocean carriage of property O AN 2/24
Not Used	R405	26	Country Code Code identifying the country Refer to 003061 Data Element Dictionary for acceptable code values. O ID 2/3
Rec	R406	174	Terminal Name Free-form field for terminal name O AN 2/30 <i>When the value "M", "R", or "O" is used in the R401, enter the DODAAC for the actual location the cargo was picked-up.</i>
Not Used	R407	113	Pier Number Identifying number for the pier O AN 1/4
Not Used	R408	156	State or Province Code Code (Standard State/Province) as defined by appropriate government agency Refer to 003061 Data Element Dictionary for acceptable code values. O ID 2/2

Segment: **DTM** Date/Time Reference
Position: 070
Loop: R4 Mandatory
Level:
Usage: Optional (Must Use)
Max Use: 15
Purpose: To specify pertinent dates and times
Syntax Notes: 1 At least one of DTM02 DTM03 or DTM06 is required.
2 If either DTM06 or DTM07 is present, then the other is required.
Semantic Notes:
Comments:

Data Element Summary

Ref.	Data			
<u>Des.</u>	<u>Element</u>	<u>Name</u>		<u>Attributes</u>
M	DTM01	374	Date/Time Qualifier	M ID 3/3

Code specifying type of date or time, or both date and time

The following relationship applies to the R4/DTM loop:

<i>Date/Time qual.</i>	<i>Port function code</i>	<i>Type of date/time</i>
139	L	Estimated departure
139	I	Estimated arrival
139	Y	Estimated departure
139	M	Estimated delivery
139	T	Estimated arrival of the booked ship
140	O	Actual operational pick-up from Consignor
140	R	Actual contractual pick-up from Consignor
140	L	Actual departure
140	I	Actual arrival
140	Y	Actual departure
140	T	Actual arrival of the booked ship

139 Estimated

140 Actual

Must Use	DTM02	373	Date	X DT 6/6
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Date (YYMMDD)

Rec	DTM03	337	Time	X TM 4/8
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Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal

seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)

When DTM01 code value 140 (actual time) then enter actual local time.

Not Used	DTM04	623	Time Code	O ID 2/2
			Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Must Use	DTM05	624	Century	O N0 2/2
			The first two characters in the designation of the year (CCYY)	
Not Used	DTM06	1250	Date Time Period Format Qualifier	X ID 2/3
			Code indicating the date format, time format, or date and time format	
			Refer to 003061 Data Element Dictionary for acceptable code values.	
Not Used	DTM07	1251	Date Time Period	X AN 1/35
			Expression of a date, a time, or range of dates, times or dates and times	

Segment: **SE** Transaction Set Trailer
Position: 090
Loop:
Level:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)

Syntax Notes:**Semantic Notes:**

Comments: 1 SE is the last segment of each transaction set.

Data Element Summary

	Ref.	Data		
	<u>Des.</u>	<u>Element</u>	<u>Name</u>	<u>Attributes</u>
M	SE01	96	Number of Included Segments	M N0 1/10
			Total number of segments included in a transaction set including ST and SE segments	
M	SE02	329	Transaction Set Control Number	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	
			<i>Cite the same value as ST02</i>	